


Sheet 1 of 1

U.S. Department of Commerce, Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Application No.:	10/077,211
	Filing Date:	February 14, 2002
	First Named Inventor:	Richard Nathan
	Group Art Unit:	2827
	Examiner Name:	Zarneke, David A.
	Confirmation No.:	3098
	Attorney Docket No.:	JIG006 US

U.S. Patent Documents								
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	1.	6498381 B2	12/24/02	Halahan et al.	257	449	02/22/01	
	2.	6,593,644 B2	7/15/03	Chiu et al.	257	684	04/19/01	
	3.	6,430,109 B1	8/6/02	Khuri-Yakub et al.	367	181	09/21/00	
	4.	6,051,505	4/18/00	Chu et al.	438	710		
	5.	6,483,147 B1	11/19/02	Lin	257	347	10/25/99	
	6.	2003/0143775A1	7/31/02	Brady	438	106	01/25/02	
	7.	5,401,672	3/28/95	Kurtz et al.	437	186		
	8.	6,268,660 B1	7/31/01	Dhong et al.	257	774	07/31/01	
	9.	5,316,787	5/31/94	Frankeny et al.	427	97		
	10.	2002/0190375 A1	12/19/02	Mashino et al.	257	734	06/06/02	
	11.	6,400,010 B1	6/4/02	Murata	257	706	02/16/99	
	12.	6,322,903 B1	11/27/01	Siniaguine et al.	428	617	12/06/99	
	13.	5,872,338	2/16/99	Lan et al.	174	255		
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
Other Art (including Author, Title, Date, Pertinent Pages, Etc.)								

David A. Zarneke 2/3/4



U.S. Department of Commerce, Patent and Trademark Office				Application No.:		10/077,211	
				Filing Date:		Feb. 14, 2002	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor:		Richard Nathan	
(Use several sheets if necessary)				Group Art Unit:		2827	
				Examiner Name:		David A. Zarneke	
				Confirmation No.:		3098	
				Attorney Docket No.:		JIG006 US	

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DE	18.	6,528,351	03/04/03	Nathan et al.	438	118	
	19.	5,032,896	07/16/91	Little et al.	257	686	
	20.	5,745,984	05/05/98	Cole Jr. et al.	29	834	
	21.	5,949,133	09/07/99	Wojnarowski	257	668	
	22.	6,204,095	03/20/01	Franworth	438	127	
	23.	4,722,914	02/02/98	Drye et al.	438	107	
	24.	6,309,912	10/30/01	Chiou et al.	438	126	
	25.	5,353,498	10/11/94	Fillion et al.	29	840	
	26.	5,188,984	02/23/93	Nishiguchi	438	107	
	27.	5,982,632	11/9/99	Mosley et al.	361	775	
	28.	6,147,876	11/14/00	Yamaguchi et al.	361	766	
	29.	6,162,652	12/19/00	Dass et al.	438	18	
	30.	6,229,216	05/08/01	Ma et al.	257	777	
	31.	6,333,210	12/25/01	Dubey et al.	438	108	
	32.	5,378,657	01/03/95	Lin	437	217	
	33.	4,735,891	04/05/88	Budde et al.	430	313	
	34.	6,222,737	04/24/01	Ross	361	767	
DE	35.	2002/0185734 A1	12/12/02	Zhao et al.	257	737	
DE	36.	6,137,129	10/24/00	Bertin et al.	257	302	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
DE	37. Mahajan, Ravi et al., "Emerging Directions For Packaging Technologies", Intel Technology Journal, Volume 6, Issue 2, Published, May 16, 2002, ISSN 1535766X, Cover page plus pages 62-75.
DE	38. Press Release, October 8, 2001, Santa Clara, CA, "Intel Researchers Disclose Packaging Technology Breakthrough to Enable Billion-Transistor Processors", 3 pages. http://www.intel.com/pressroom/archive/releases/20011008tech.htm .
DE	39. Press Release, October 8, 2001, Santa Clara, CA, "Bumpless Build-up Layer Packaging Technologies", 3 pages, http://www.intel.com/pressroom/archive/backgrnd/20011008tech_bkgrd.htm .

Examiner	<i>David A. Zarneke</i>	Date Considered	12/5/03
----------	-------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



U.S. Department of Commerce, Patent and Trademark Office				Application No.:		10/077,211	
				Filing Date:		Feb. 14, 2002	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor:		Richard Nathan	
(Use several sheets if necessary)				Group Art Unit:		2827	
				Examiner Name:		David A. Zarneke	
				Confirmation No.:		3098	
				Attorney Docket No.:		JIG006 US	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
10/22	1.	5,313,366	5/17/94	Gaudenzi et al.	361	760	
	2.	5,701,233	12/23/97	Carson et al.	361	735	
	3.	5,756,368	05/26/98	Peterson et al.	438	110	
	4.	6,175,161	01/16/01	Goetz et al.	257	780	
	5.	5,375,041	12/20/94	McMahon	361	749	
	6.	5,821,762	10/13/98	Hamaguchi, et al.	324	754	
	7.	5,556,807	9/17/96	Bhattacharyya et al.	437	209	
	8.	6,307,450	10/23/01	Takahashi et al.	333	204	
	9.	5,815,372	9/29/98	Gallas	361	760	
	10.	5,488,257	1/30/96	Bhattacharyya et al.	257	774	
	11.	6,130,478	10/10/00	Dumoulin et al.	257	728	
	12.	5,608,262	03/04/97	Degani et al.	257	723	
	13.	6,075,427	06/13/00	Tai et al.	333	219	
	14.	5,880,529	03/09/99	Barrow	257	782	
	15.	5,976,980	11/02/99	Livengood et al.	438	691	
10/26	16.	4,918,811	04/24/90	Eichelberger et al.	438	107	
Foreign Patent Documents							
		Document	Date	Country	Name	Classification	
10/26	17.	52-30390	03-1977	Japan	Yoshikaza	27/04	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<div style="display: flex; justify-content: space-between;"> <div>Examiner <i>David A. Zarneke</i></div> <div>Date Considered <i>12/5/03</i></div> </div>							
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>							